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WORKPLACE SAFETY AND INSURANCE BOARD

WSIB
ONTARIO
Workplace Safety &
Insurance Board
CSPAAT
Commission de la sécurité
professionnelle et de l'assurance
contre les accidents du travail



Statistical Supplement to the
Annual Report
1998

Statistical Supplement to the Annual Report 1998

This publication is a supplement to the Workplace Safety and Insurance Board's *1998 Annual Report*. It contains aggregate injury and illness, claim and employer registration data for 1998 as well as 10-year trend figures where available. All data reflects legislation in the province of Ontario at the time of reporting. Implementation of the new *Workplace Safety and Insurance Act* on January 1, 1998 resulted in a number of reporting changes that are reflected in this statistical supplement:

- Long- and short-term disability benefits are now called loss of earnings benefits (LOE).
- Future economic loss benefits (FEL) are only applicable to injuries and illnesses that occurred from January 2, 1990 to December 31, 1997. The FEL tables that appeared in past statistical supplements have been replaced by a single table entitled Active FEL Awards and Supplements.
- In previous issues of the Statistical Supplement, the WSIB included data for the number of workers referred by the adjudicators for vocational rehabilitation and the number of workers who completed vocational rehabilitation programs. However, since July 1998, employers and workers have had greater statutory responsibilities for their own return-to-work activities. Beginning in July 1998, WSIB adjudicators did not refer workers into the vocational rehabilitation stream if those workers were involved in return-to-work activities with their employers in the workplace. This significantly impacted the number of vocational rehabilitation referrals and outcomes reported in 1998, with the result that it is not possible to offer valid comparisons with previous years.

For more information about the statistics in this report, contact Corporate Data at (416) 344-4700.

For a copy of the WSIB's *1998 Annual Report*, contact our Communications Division at:

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Both the 1998 Annual Report and Statistical Supplement are also available on our Web site at www.wsib.on.ca

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Claim volumes

The tables in this section provide insight into the numbers of injuries and illnesses that occur in Ontario workplaces each year and the workplace safety insurance claims that result.

Table 1 lists the number of claims according to the year a claim is reported and registered. This provides an indication of the administrative workload at the WSIB.

Delays in reporting and processing some complex cases complicate the tabulation and reporting of injury and illness statistics. The number of accidents for any given year grows or matures as more claims are reported and decisions are made. The process by which claim numbers

grow after the end of the year is called maturing.

Tables two through four present the number of claims according to when injuries or illnesses actually occurred. Table 2 provides a snapshot of the number of injuries or illnesses by industry and firm size as of March 31 following the year of accident. Table 3 provides a snapshot of the accident counts by claim status as of March 31 following the year of accident. Table 4 presents injury and illness data 15 months after the end of the year, when most maturing has occurred.

More details and background on these summary statistics are in the explanatory notes that accompany each table.

Number of Registrations in a Year (1989 - 1998)

Figures in this table show the number of claims registered with the WSIB in each year. Annual volumes of claim registrations provide a measure of the overall administrative workload at the WSIB.

Although most claims are reported and registered in the same year the accident occurred, there are cases in which the claim is reported and registered after the year of accident. This table provides a breakdown of registered claims for accidents that occurred in the current year and in

prior years. The figures encompass all claims reported to the WSIB in the reference year, including those that are allowed, not allowed and those pending at the end of the year (such as those awaiting further information upon which to base an entitlement decision).

The breakdown of claims by accidents in the current year and in prior years provides a relative measure of reporting delays in different years.

Number of Claims and Percentage of Total Claims

	Year of Registration																			
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
Accidents in Current Year	447,577	96%	433,814	92%	390,115	95%	361,437	96%	351,486	95%	356,236	96%	354,449	95%	327,248	95%	326,932	96%	326,405	95%
Accidents in Prior Years	19,635	4%	39,593	8%	19,831	5%	15,582	4%	16,999	5%	14,208	4%	17,388	5%	18,358	5%	14,246	4%	16,282	5%
Total Registrations	467,212	100%	473,407	100%	409,946	100%	377,019	100%	368,485	100%	370,444	100%	371,837	100%	345,606	100%	341,178	100%	342,687	100%



Table 2

Number of Accidents in a Year Registered as of March 31 of the Following Year by Industry Sector (1997 - 1998)

Figures in this table show the number of accidents which occurred in the reference year and registered by March 31 of the following year. Some claims are not reported and/or not allowed in the same year as the accident occurred. Therefore, these figures are not complete

counts of all accidents that may have occurred during the reference year. Rather, they are an accurate representation of decisions made up to three months after the year of accident (in other words, up to March 31 of the following year).

Industry Sector	Year of Accident			
	1997		1998	
	Small Business (Employers with less than 20 employees)	Large Business (Employers with 20 or more employees)	Small Business (Employers with less than 20 employees)	Large Business (Employers with 20 or more employees)
	Total	%	Total	%
Agriculture	2,894	1.4%	2,739	1.4%
Automotive	328	8.7%	345	8.2%
Chemical/Process	595	2.5%	629	2.7%
Construction	10,826	6.4%	10,554	6.4%
Education	84	1.2%	83	1.1%
Electrical Utilities	362	0.5%	389	0.5%
Food	896	3.4%	823	3.4%
Forestry	597	1.0%	576	1.1%
Health Care	655	6.1%	642	6.0%
Manufacturing	11,208	22.5%	10,894	22.8%
Mining	352	0.9%	374	0.9%
Municipal	404	1.1%	309	1.1%
Pulp and Paper	39	0.9%	60	0.8%
Services	14,387	22.2%	14,200	22.8%
Steel	314	2.9%	251	3.0%
Transportation	3,806	6.4%	3,543	6.5%
Subtotal	47,747	88.1%	46,411	88.7%
Schedule 2*	Not Applicable	11.9%	Not Applicable	11.3%
Grand Total	47,747	100.0%	46,411	100.0%
			293,793	340,204

*Schedule 2 figures are included in Large Business

Note: To better serve our customers, the WSIB reorganized its operations into 17 Industry sectors and small business units. This reorganization took effect in November 1997. (Schedule 2 is grouped as an Industry Sector)

Number of Accidents in a Year Registered as of March 31 of the Following Year (1989 - 1998)

Figures in this table show the number of accidents which occurred in the reference year and registered by March 31 of the following year.

Some claims are not reported and/or not allowed in the same year as the accident occurred. Therefore, the figures below are not complete counts of all accidents that may have occurred during the reference year. Rather, they are an accurate representation of decisions made up to three months after

the year of accident (in other words, up to March 31 of the following year).

The breakdown by type of claim (lost-time, no lost-time, etc.) is also based on the status of claims as of March 31 of the following year. This status, particularly the pending status, may change after March 31. For instance, a claim with pending status on March 31 may later change to lost-time, no lost-time, or not allowed.

Status as of March 31 of the Following Year	Year of Accident																			
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
SCHEDULE 1																				
Allowed Lost-Time	178,255	42%	161,781	41%	133,492	38%	116,184	36%	105,885	34%	106,561	33%	101,589	31%	87,789	30%	86,641	29%	83,365	28%
Allowed No Lost-Time	193,300	46%	184,990	46%	174,263	49%	163,339	50%	160,999	51%	157,982	49%	164,913	51%	155,431	52%	151,789	51%	150,829	50%
Not Allowed	39,827	9%	45,809	11%	41,802	12%	42,070	13%	45,279	14%	53,938	17%	54,353	17%	50,786	17%	56,471	19%	63,379	21%
Abandoned	32,051		37,980		33,651		32,954		35,774		43,857		43,345		40,432		47,362		54,134	
Denied	7,776		7,829		8,151		9,116		9,505		10,081		11,008		10,354		9,109		9,245	
Pending	11,007	3%	5,795	1%	3,107	1%	3,311	1%	2,369	1%	3,360	1%	3,023	1%	2,329	1%	3,704	1%	3,991	1%
Sub-total	422,389	100%	398,375	100%	352,664	100%	324,904	100%	314,532	100%	321,841	100%	323,878	100%	296,335	100%	298,605	100%	301,564	100%
SCHEDULE 2																				
Allowed Lost-Time	22,712	44%	22,663	44%	21,983	44%	20,756	43%	19,237	41%	19,083	40%	17,225	38%	15,291	37%	15,165	37%	13,825	36%
Allowed No Lost-Time	20,552	40%	20,780	41%	20,941	42%	20,235	42%	19,376	42%	19,040	40%	18,734	42%	17,470	42%	16,674	41%	16,004	41%
Not Allowed	6,482	13%	6,873	13%	6,843	14%	7,167	15%	7,550	16%	8,544	18%	8,434	19%	8,184	20%	8,266	20%	8,093	21%
Abandoned	5,204		5,762		5,498		5,534		5,724		6,559		6,284		6,095		6,406		6,570	
Denied	1,278		1,111		1,345		1,633		1,826		1,985		2,150		2,089		1,860		1,523	
Pending	1,618	3%	871	2%	573	1%	572	1%	472	1%	642	1%	592	1%	412	1%	766	2%	718	2%
Sub-total	51,364	100%	51,187	100%	50,340	100%	48,730	100%	46,635	100%	47,309	100%	44,985	100%	41,357	100%	40,871	100%	38,640	100%
TOTAL																				
Allowed Lost-Time	200,967	42%	184,444	41%	155,475	39%	136,940	37%	125,122	35%	125,644	34%	118,814	32%	103,080	31%	101,806	30%	97,190	29%
Allowed No Lost-Time	213,852	45%	205,770	46%	195,204	48%	183,574	49%	180,375	50%	177,022	48%	183,647	50%	172,901	51%	168,463	50%	166,833	49%
Not Allowed	46,309	10%	52,682	12%	48,645	12%	49,237	13%	52,829	15%	62,482	17%	62,787	17%	58,970	17%	64,737	19%	71,472	21%
Abandoned	37,255		43,742		39,149		38,488		41,498		50,416		49,629		46,527		53,768		60,704	
Denied	9,054		8,940		9,496		10,749		11,331		12,066		13,158		12,443		10,969		10,768	
Pending	12,625	3%	6,666	1%	3,680	1%	3,883	1%	2,841	1%	4,002	1%	3,615	1%	2,741	1%	4,470	1%	4,709	1%
Total	473,753	100%	449,562	100%	403,004	100%	373,634	100%	361,167	100%	369,150	100%	368,863	100%	337,692	100%	339,476	100%	340,204	100%

Notes:

1. Reporting claim volumes in the above manner started in 1989.
2. Lost-time claims include claims by workers who have lost wages as a result of a temporary disability as well as those who have a permanent impairment with time lost from work.
3. No lost-time claims involve accidents in which no wage-loss benefits were paid to the worker. Permanent impairment injuries or occupational diseases where the worker did not lose time from work beyond the day of the accident are also included.
4. Abandoned claims include cases in which the WSIB could not collect information from the worker to substantiate the claim or the worker withdraws a claim.
5. Denied claims include cases in which the injuries or diseases are not work related, (denial based on merit), or the workers/employers are not covered by the Act, (denial based on status).
6. Employers in Ontario are categorized as either Schedule 1 or Schedule 2. Schedule 1 employers are required to pay annual premiums, which form the WSIB's Insurance Fund. Compensation and health care for injured workers are paid for out of this fund and administered by the WSIB. The majority of employers in Ontario are in Schedule 1. Schedule 2 employers are liable for paying the benefit costs of any worker who suffers an occupational injury or disease. Employers in this category include municipal, provincial and federal governments, railways, airlines and telephone companies.

The WSIB administers the Government Employees Compensation Act (Canada) in Ontario, and therefore covers federal government workers on the same terms and conditions as other workers in Ontario. Throughout this document, the federal employer numbers are included in Schedule 2.

Table 4

Number of Accidents in a Year with Estimate for Maturing (1989 - 1998)

This table is an extension of Table 3. Its purpose is to provide, as closely as possible, a count of the claims which ultimately will be registered and allowed for accidents occurring in the reference year.

The process by which the counts grow after the end of the year, due to registrations and dispositions of pending claims, is called maturing. A matured count of claims more accurately reflects the base upon which the liabilities of the workers' compensation system are based.

The figures below show the number of accidents in the reference

year, based on registrations and decisions made up to 15 months after the end of the accident year. For example, the figures for 1989 show the number of accidents registered and adjudicated for that year by March 31, 1991.

By comparing these figures to those reported in Table 3, an estimate can be obtained of the maturing that results from additional claims reported after March 31 of the following year, and also from changes in status, such as from pending to allowed.

Status as of March 31 of the Second Year After Accident Year	Year of Accident																				
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998*	%	
SCHEDULE 1	Allowed Lost-Time	183,875	43%	165,139	41%	135,281	38%	118,390	36%	107,189	34%	108,876	34%	103,431	32%	89,406	30%	88,906	30%	85,832	28%
	Allowed No Lost-Time	195,427	46%	186,484	47%	175,469	50%	164,007	50%	159,950	51%	158,431	49%	165,250	51%	155,710	52%	152,985	51%	152,383	50%
	Not Allowed	44,414	10%	48,127	12%	42,969	12%	43,259	13%	45,728	15%	55,077	17%	55,315	17%	51,676	17%	57,882	19%	64,382	21%
	Abandoned	35,085		38,964		33,839		33,072		35,520		43,867		43,139		40,507		47,447		53,825	
	Denied	9,329		9,163		9,130		10,187		10,208		11,210		12,176		11,169		10,435		10,557	
SCHEDULE 2	Allowed Lost-Time	23,595	46%	23,267	45%	22,499	44%	21,614	44%	20,834	42%	19,876	41%	18,027	39%	16,035	38%	15,762	38%	14,229	37%
	Allowed No Lost-Time	20,785	41%	20,985	41%	21,239	42%	20,640	42%	21,053	42%	19,562	41%	19,407	42%	17,872	42%	16,838	41%	16,164	42%
	Not Allowed	6,816	13%	7,103	14%	7,052	14%	7,339	15%	7,948	16%	8,776	18%	8,821	19%	8,397	20%	8,425	21%	8,269	21%
	Abandoned	5,274		5,748		5,493		5,523		5,885		6,544		6,345		6,098		6,266		6,530	
	Denied	1,542		1,355		1,559		1,816		2,063		2,232		2,476		2,299		2,159		1,739	
TOTAL	Allowed Lost-Time	207,470	44%	188,406	42%	157,780	39%	140,004	37%	128,023	35%	128,752	35%	121,458	33%	105,441	31%	104,668	31%	100,061	29%
	Allowed No Lost-Time	216,212	46%	207,469	46%	196,708	49%	184,647	49%	181,003	50%	177,993	48%	184,657	50%	173,582	51%	169,823	50%	168,547	49%
	Not Allowed	51,230	11%	55,230	12%	50,021	12%	50,598	13%	53,676	15%	63,853	17%	64,136	17%	60,073	18%	66,307	19%	72,651	21%
	Abandoned	40,359		44,712		39,332		38,595		41,405		50,411		49,484		46,605		53,713		60,355	
	Denied	10,871		10,518		10,689		12,003		12,271		13,442		14,652		13,468		12,594		12,296	

*The 1998 data is estimated, based on prior registration experience and the probabilities associated with the disposition of new and pending claims.

Detailed claims profiles

The tables in this section provide, by year of accident, detailed analyses of lost-time injuries and occupational diseases. As reported in Table 3, lost-time claims reported and allowed as of March 31 of the following year are included.

Since 1996, a national coding standard, Z795, has been used to record accident details by the nature of injury or disease, part of body, event (type of accident) and source of injury or disease. In addition, the National Occupational Classification (NOC) is used for injured workers' occupations, and industry classification is used for employers' industries. The Standard Industrial Classification (SIC) is used for employers' industries as well as the WSIB's industry sectors.

Please note that figures since 1996 are not comparable to previous years' data. To provide coherence with previous years' data from 1996 onwards, coding has been converted to previous standards. However, due to a change in coding practices driven by the new coding standards, the conversion cannot be perfect. Please read detailed notes in individual tables for specific impacts.

Note:

As indicated in the explanatory notes for Table 3, the total number of accidents shown in these profiles is not a complete count of accidents that have occurred in the reference year. The figures are the result of a snapshot taken as of March 31 of the following year. For further details, please read the explanatory notes in Table 3.

Table 5

Lost-Time Claims by Age Group (1989 - 1998)

Age Group	Year of Accident											
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%
15-19 years	11,453	5.7	8,685	4.7	5,976	3.8	4,663	3.4	3,864	3.1	4,242	3.4
20-24 years	29,075	14.5	23,608	12.8	18,375	11.8	15,269	11.2	13,374	10.7	13,924	11.1
25-29 years	34,257	17.0	30,651	16.6	25,436	16.4	21,768	15.9	18,955	15.1	18,271	14.5
30-34 years	29,208	14.5	27,332	14.8	25,024	16.1	23,090	16.6	21,423	17.1	21,806	17.4
35-39 years	22,837	11.4	22,023	11.9	20,828	13.4	19,557	14.3	18,630	14.9	18,696	14.9
40-44 years	19,026	9.5	18,888	10.2	17,891	11.5	16,207	11.8	15,292	12.2	15,350	12.2
45-49 years	14,257	7.1	13,746	7.5	13,566	8.7	12,998	9.5	12,690	10.1	12,837	10.2
50-54 years	11,861	5.9	11,474	6.2	10,825	7.0	10,018	7.3	9,252	7.4	9,460	7.5
55-59 years	9,330	4.7	8,923	4.8	8,165	5.3	7,458	5.4	6,717	5.4	6,604	5.3
60-64 years	5,201	2.6	4,879	2.6	4,523	2.9	4,136	3.0	3,579	2.9	3,384	2.7
65 years and over	754	0.4	737	0.4	571	0.4	538	0.4	452	0.4	448	0.4
Not available	13,568	6.8	13,498	7.3	4,295	2.8	1,238	0.9	894	0.7	622	0.5
Total	200,967	100%	184,444	100%	155,475	100%	136,940	100%	125,122	100%	125,644	100%

Table 6

Lost-Time Claims by Gender (1989 - 1998)

Gender	Year of Accident											
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%
Male	145,742	72.5	128,387	69.6	110,859	71.3	96,572	70.5	88,143	70.4	88,395	70.4
Female	50,825	25.3	47,654	25.8	44,063	28.3	40,312	29.4	36,918	29.5	37,098	29.5
Not available	4,400	2.2	8,403	4.6	553	0.4	56	0.0	61	0.0	151	0.1
Total	200,967	100%	184,444	100%	155,475	100%	136,940	100%	125,122	100%	125,644	100%

Lost-Time Claims by Nature of Injury and Disease (1989 - 1998)

Notes:

1. The drop in the number of hearing loss claims starting in 1991 is due to the reclassification of claim type from lost-time to no lost-time.

2. 1996 figures have been revised due to reclassification of certain nature of injury and disease categories.

3. Starting in 1996, the Z795 standard provides more specific codes for the sprains and strains, and the contusions, crushing, bruise categories.

4. NEC stands for not elsewhere classified.

Lost-Time Claims by Part of Body Injured (1989 - 1998)

Note: Under the 2795 coding standard, when a disease, disorder, or condition originated in a particular internal body part, that body part is selected for coding purposes, then grouped in the general categories above. Prior to 1996, most occupational diseases are categorized under Not applicable.

Lost-Time Claims by Type of Accident (1989 - 1998)

Note: NEC stands for not elsewhere classified

Lost-Time Claims by Source of Injury (1989 - 1998)

Table continued on next page.

Lost-Time Claims by Source of Injury (1989 - 1998)

Notes:

1. The increase in counts from infectious and parasitic agents is due to a change in coding practices, specifically naming the actual agent as the source of injury rather than the carrier of that agent.

2. The reduction in the noise category is due to the reclassification of hearing loss claims. See note in Table 7.

Table 11

Lost-Time Claims by Occupation (1989 - 1998)

Occupation	Year of Accident															
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%
Service	22,156	11.0%	22,031	11.9%	22,424	14.4%	20,912	15.3%	19,176	15.3%	19,514	15.5%	18,090	15.2%	15,694	15.2%
Products fabricating, assembling and repairing	29,077	14.5%	26,270	14.2%	22,977	14.8%	19,862	14.5%	17,434	13.9%	17,421	13.9%	17,469	14.7%	12,694	12.3%
Machining and related	17,815	8.9%	15,115	8.2%	11,693	7.5%	9,759	7.1%	8,546	6.8%	9,047	7.2%	8,880	7.5%	8,972	8.7%
Transport equipment operating	13,272	6.6%	12,394	6.7%	12,776	8.2%	11,521	8.4%	10,587	8.5%	10,421	8.3%	9,204	7.7%	7,797	7.6%
Clerical and related	11,679	5.8%	11,043	6.0%	10,601	6.8%	9,881	7.2%	9,555	7.6%	9,059	7.2%	8,546	7.2%	7,387	7.2%
Processing	11,817	5.9%	10,387	5.6%	9,480	6.1%	7,871	5.7%	6,473	5.2%	6,953	5.5%	6,403	5.4%	7,127	6.9%
Construction trades	17,271	8.6%	15,614	8.5%	12,278	7.9%	9,868	7.2%	8,220	6.6%	7,507	6.0%	6,571	5.5%	6,471	6.3%
Medicine and health	8,099	4.0%	8,342	4.5%	8,708	5.6%	8,178	6.0%	7,629	6.1%	7,440	5.9%	6,667	5.6%	6,321	6.1%
Sales	5,313	2.6%	5,717	3.1%	5,973	3.8%	5,669	4.1%	5,298	4.2%	5,576	4.4%	5,219	4.4%	5,907	5.7%
Materials handling and related	12,506	6.2%	11,285	6.1%	10,138	6.5%	8,532	6.2%	7,932	6.3%	7,783	6.2%	7,237	6.1%	4,541	4.4%
Teaching and related	1,672	0.8%	1,753	1.0%	2,001	1.3%	2,138	1.6%	2,068	1.7%	2,119	1.7%	2,055	1.7%	1,886	1.8%
Farming, horticultural and animal husbandry	2,559	1.3%	2,452	1.3%	2,546	1.6%	2,200	1.6%	2,174	1.7%	2,052	1.6%	1,937	1.6%	1,690	1.6%
Social sciences and related	1,160	0.6%	1,221	0.7%	1,659	1.1%	1,565	1.1%	1,523	1.2%	1,376	1.1%	1,419	1.2%	1,221	1.2%
Managerial, administrative and related	596	0.3%	804	0.4%	913	0.6%	885	0.6%	725	0.6%	788	0.6%	674	0.6%	1,275	1.2%
Natural sciences, engineering and mathematics	1,131	0.6%	1,308	0.7%	1,139	0.7%	947	0.7%	861	0.7%	839	0.7%	705	0.6%	893	0.9%
Other crafts and equipment operating	2,293	1.1%	2,043	1.1%	2,154	1.4%	1,867	1.4%	1,609	1.3%	1,476	1.2%	1,361	1.1%	868	0.8%
Artistic, literary, recreational and related	427	0.2%	479	0.3%	525	0.3%	500	0.4%	425	0.3%	424	0.3%	486	0.4%	583	0.6%
Mining and quarrying including oil and gas	820	0.4%	757	0.4%	696	0.4%	458	0.3%	362	0.3%	374	0.3%	384	0.3%	372	0.4%
Forestry and logging	591	0.3%	495	0.3%	458	0.3%	459	0.3%	483	0.4%	421	0.3%	391	0.3%	313	0.3%
Fishing, hunting, trapping and related	23	0.0%	29	0.0%	33	0.0%	29	0.0%	32	0.0%	24	0.0%	21	0.0%	23	0.0%
Religion	1	0.0%	1	0.0%	3	0.0%	7	0.0%	8	0.0%	4	0.0%	4	0.0%	7	0.0%
Occupations, NEC	16,292	8.1%	14,050	7.6%	10,212	6.6%	9,725	7.1%	9,470	7.6%	9,918	7.9%	9,894	8.3%	5,742	5.6%
Occupation not stated	24,397	12.1%	20,654	11.3%	6,088	3.9%	4,107	3.0%	4,532	3.6%	5,108	4.1%	5,197	4.4%	5,296	5.1%
Total	200,967	100%	184,444	100%	155,475	100%	136,940	100%	125,122	100%	125,644	100%	118,814	100%	103,080	100%
															97,190	100%
															14,450	14.9%

Notes:

1. Since 1996, figures which use the National Occupational Classification (NOC) are not comparable to previous years. Please refer to the introduction to the detailed claims profile on page 7.
2. The two major attributes of jobs which are used as classification criteria in developing the NOC are skill level and skill type. Management occupations are not assigned to a skill level category and from their own group. This has led to the increase in counts in the managerial, administrative and related occupations category.
3. NEC stands for not elsewhere classified

Table 12

Lost-Time Claims Based on the Standard Industrial Classification (SIC) (1989 - 1998)

Industry (SIC)	Year of Accident									
	1989	%	1990	%	1991	%	1992	%	1993	%
Manufacturing	77,457	38.5%	65,847	35.7%	49,920	32.1%	41,422	30.2%	36,553	29.2%
Community, business and personal services	35,483	17.7%	35,993	19.5%	33,473	21.5%	30,819	22.5%	28,783	23.0%
Trade	32,203	16.0%	30,758	16.7%	25,253	16.2%	23,043	16.8%	20,996	16.8%
Transportation, communications and other utilities	16,025	8.0%	15,295	8.3%	13,635	8.8%	12,409	9.1%	11,592	9.3%
Public administration and defense	14,799	7.4%	14,157	7.7%	13,892	8.9%	13,038	9.5%	11,990	9.6%
Construction	19,093	9.5%	16,434	8.9%	10,846	7.0%	8,102	5.9%	6,836	5.5%
Agriculture	1,749	0.9%	1,748	0.9%	1,559	1.0%	1,339	1.0%	1,358	1.1%
Finance, insurance and real estate	1,651	0.8%	1,498	0.8%	1,219	0.8%	1,058	0.8%	1,066	0.9%
Mines	1,804	0.9%	1,595	0.9%	1,294	0.8%	949	0.7%	718	0.6%
Forestry	656	0.3%	573	0.3%	483	0.3%	414	0.3%	373	0.3%
Fishing and trapping	22	0.0%	23	0.0%	15	0.0%	18	0.0%	26	0.0%
Unclassified or unidentified	25	0.0%	528	0.3%	3,886	2.5%	4,329	3.2%	4,831	3.9%
Total	200,967	100%	184,444	100%	155,475	100%	136,940	100%	125,122	100%

Note: The above categories are based upon the 1970 Standard Industrial Classification and cannot be directly compared to Table 13, Lost-Time Claims by Industry Sector.

Table 13

Lost-Time Claims by Industry Sector (1990 - 1998)

Industry Sector	Year of Accident									
	1990	%	1991	%	1992	%	1993	%	1994	%
Agriculture	2,673	1.4%	2,434	1.6%	2,033	1.5%	2,065	1.7%	1,947	1.5%
Automotive	15,866	8.6%	11,989	7.7%	11,262	8.2%	10,397	8.3%	10,150	8.1%
Chemical Process	4,466	2.4%	3,348	2.2%	2,796	2.0%	2,775	2.2%	2,771	2.2%
Construction	14,110	7.7%	9,844	6.3%	7,382	5.4%	6,086	4.9%	5,901	4.7%
Education	4,331	2.3%	4,288	2.8%	3,861	2.8%	2,533	2.0%	2,256	1.8%
Electrical Utilities	903	0.5%	667	0.4%	642	0.5%	567	0.5%	504	0.4%
Food	7,604	4.1%	6,359	4.1%	5,361	3.9%	4,828	3.9%	4,839	3.9%
Forestry	1,415	0.8%	1,019	0.7%	886	0.6%	954	0.8%	989	0.8%
Health Care	11,309	6.1%	11,215	7.2%	10,632	7.8%	9,883	7.9%	9,549	7.6%
Manufacturing	41,277	22.4%	31,445	20.2%	25,720	18.8%	22,717	18.2%	24,185	19.2%
Mining	1,843	1.0%	1,301	0.8%	943	0.7%	754	0.6%	694	0.6%
Municipal	2,360	1.3%	2,315	1.5%	2,202	1.6%	1,939	1.5%	1,678	1.3%
Pulp and Paper	1,117	0.6%	937	0.6%	707	0.5%	608	0.5%	557	0.4%
Services	37,083	20.1%	32,939	21.2%	29,689	21.7%	27,663	22.1%	28,711	22.9%
Steel	3,577	1.9%	2,905	1.9%	2,274	1.7%	2,057	1.6%	2,117	1.7%
Transportation	11,764	6.4%	10,392	6.7%	9,541	7.0%	8,821	7.0%	9,030	7.2%
Unclassified or unidentified	22,776	12.3%	22,078	14.2%	21,009	15.3%	20,475	16.4%	19,766	15.7%
Total	184,444	100%	155,475	100%	136,940	100%	125,122	100%	118,814	100%

Notes:

1. To better serve our customers, the WSIB reorganized its operations into 17 Industry sectors and small business units. This reorganization took effect in November 1997. (Schedule 2 is grouped as an Industry Sector)
2. 1989 industry sector breakdown is not available.

Occupational fatalities

Fatal claims refer to all claims where a fatality has occurred and fatal benefits are being claimed. This section shows the distribution of fatal claims submitted (Table 14) and fatal claims allowed (Table 15).

The number of allowed fatal claims is irrespective of the year in which the claim was registered or the year in which the fatality occurred.

Therefore, numbers within each of the two tables are not comparable.

Fatal claims are categorized into the following:

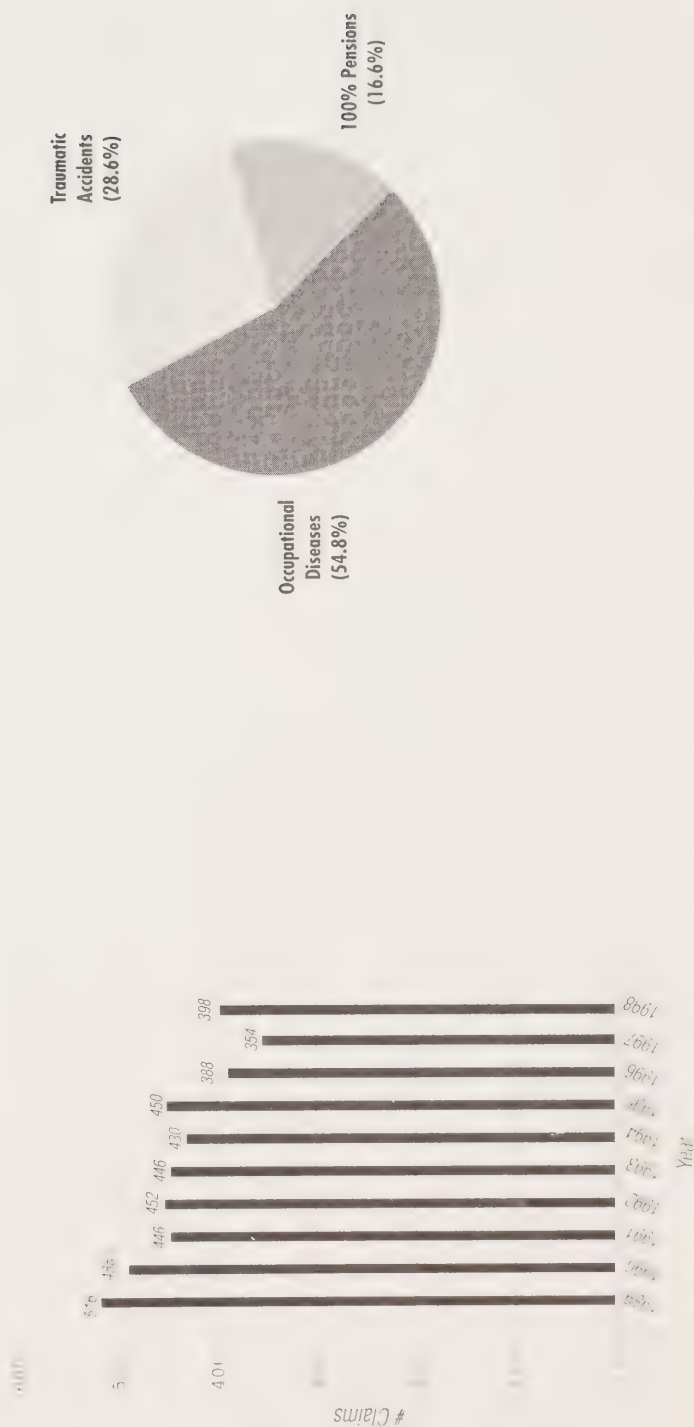
- occupational diseases – the worker had an occupational disease and died;
- traumatic accidents – the worker had an accident at work and died either the same day or at a later date due to a traumatic injury; and
- 100% disability pensions – the worker who died was receiving a 100% permanent disability pension.

Figures in the above categories are mutually exclusive.

Occupational Fatalities by Year of Registration (1989 - 1998)

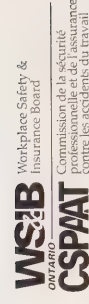
	Year of Registration																			
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
Occupational Diseases	226	44%	256	52%	207	46%	238	53%	256	57%	237	55%	261	58%	192	49%	199	56%	218	55%
Injurious Accidents	226	44%	185	38	178	40%	144	32%	122	27%	107	25%	119	26%	119	31%	88	25%	114	29%
100% Pensions	64	12%	47	10%	61	14%	70	15%	68	15%	86	20%	70	16%	77	20%	67	19%	66	17%
Total	516	100%	488	100%	446	100%	452	100%	446	100%	430	100%	450	100%	388	100%	354	100%	398	100%

1998 Registered Fatal Claims by Category



Occupational Fatalities by Year Allowed (1989 - 1998)

Allowed Fatal Claims



Estimated duration of short-term disability benefits

This section shows the composite measure of the average duration of short-term disability benefits. This measure was adopted in February 1994 as a standard for reporting by the members of the Association of Workers' Compensation Boards of Canada Steering Committee on Comparability. Short-term disability benefits include all benefit periods under section 37 of Ontario's *Workers' Compensation Act, 1990 (as amended)* (i.e. temporary compensation and short-term vocational rehabilitation) which are awarded while reaching maximum medical rehabilitation.

Under Bill 162, which was in effect from January 2, 1990 to December 31, 1997, workers who suffer an injury or occupational disease resulting in temporary disability for twelve continuous months are eligible for future economic loss (FEL) benefits under section 43. Benefit periods under sections 147(2) and 43(9) are not included.

Under Bill 99, which came into effect January 1, 1998, loss of earnings, whether short term or long term, are paid under section 43.

The composite approach uses short-term disability benefit days paid in the current year to estimate an average lifetime duration of short-term disability over the life of a claim. Days of short-term disability paid in the

current year are separated by year of accident into a series of components, including:

- benefit days paid in the current year for accidents that happened in the current year, divided by the number of lost-time injuries or occupational diseases in the year – an estimate of the duration during the first year of accident;
- benefit days paid in the current year for accidents that happened in the calendar year prior to the current year, divided by the number of lost-time injuries or occupational diseases in that year – an estimate of the duration during the first year after the year of accident;
- benefit days paid in the current year for accidents that happened two calendar years prior, divided by the number of lost-time injuries or occupational diseases in that year – an estimate of the duration during the second year after the year of the accident; and
- benefit days paid in the current year for accidents that happened three or more calendar years prior, divided by the number of lost-time injuries or occupational diseases in that year – an estimate of the duration during the third year after the year of accident.

Table 16

Estimated Duration of Short-Term Disability Benefits (1989 - 1998)

Average Duration Components	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998*
Current Year	35.2	38.7	40.7	39.2	36.6	32.9	31.9	29.6	28.9	29.5
First Year After	25.2	27.2	32.1	32.5	27.7	21.7	20.3	16.7	16.5	16.0
Second Year After	11.6	12.6	14.9	9.6	7.6	7.2	6.1	4.9	4.2	4.0
Third and Subsequent Years After	21.3	22.6	23.1	20.5	13.5	10.3	9.3	7.7	7.0	6.1
Lifetime Duration (calendar days)	93.3	101.1	110.8	101.8	85.4	72.0	67.6	58.9	56.5	55.7

Duration of Short-Term Disability Benefits



Notes:

1. Data is as of 15 months after year-end.
2. The sum of figures for current, first, second, third and subsequent years after may not add up to lifetime duration (i.e. total calendar days) due to rounding.

* Matured 1 year into future.

Future economic loss awards

Table 17

Future Economic Loss (FEL) Awards and Supplements Active at the End of the Year by Percentage of Wage Loss (1991 - 1998)

Percent of Wage Loss	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
0.01 - 9.99%	1,258	30.4%	4,361	29.2%	6,164	28.9%	4,156	18.0%	2,809	11.3%	2,384	8.6%	2,104	7.4%	1,959	6.7%
10.00 - 19.99%	508	12.3%	1,846	12.4%	2,580	12.1%	3,188	13.8%	3,711	14.9%	4,234	15.3%	4,284	15.1%	4,532	15.5%
20.00 - 29.99%	578	14.0%	2,188	14.7%	3,135	14.7%	3,803	16.5%	4,415	17.8%	5,053	18.2%	5,271	18.6%	5,558	19.0%
30.00 - 39.99%	495	12.0%	2,070	13.9%	3,105	14.6%	3,883	16.8%	4,628	18.6%	5,307	19.1%	5,333	18.9%	5,439	18.6%
40.00 - 49.99%	417	10.1%	1,670	11.2%	2,522	11.8%	3,147	13.6%	3,628	14.6%	4,196	15.1%	4,177	14.8%	4,144	14.1%
50.00 - 99.99%	418	10.1%	1,553	10.4%	2,195	10.3%	2,610	11.3%	2,895	11.6%	3,109	11.2%	2,883	10.2%	2,796	9.5%
100%	468	11.3%	1,240	8.3%	1,632	7.7%	2,312	10.0%	2,767	11.1%	3,468	12.5%	4,239	15.0%	4,872	16.6%
Total	4,142	100%	14,928	100%	21,333	100%	23,099	100%	24,853	100%	27,751	100%	28,291	100%	29,300	100%

Supplements	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
Total	2,153	100%	6,440	100%	7,349	100%	6,824	100%	6,653	100%	7,025	100%	5,774	100%	4,274	100%

Notes:

1. Compensation for future economic loss (FEL) of earnings is awarded under section 43 of the Workers' Compensation Act, 1990 (as amended). These benefits apply to accidents that occurred from January 2, 1990, to December 31, 1997. Workers who sustain injuries or occupational diseases resulting in 12 months of continuous temporary total benefits and workers who sustain injuries resulting in permanent impairment are entitled to FEL benefits.
2. The amount of compensation is equal to 90% of the difference between the worker's net average earnings before the injury or occupational disease and the net average earnings that the worker is likely to be able to earn after the injury or occupational disease.
3. As of January 1, 1998, reviews can take place whenever there is a material change in circumstances in connection with entitlement related to the claim.
4. Supplements to FEL benefits are applicable to injured workers who are cooperating in a WSIB-authorized early and safe return to work or labour market re-entry or medical rehabilitation program.
5. Figures represent the total number of active FEL awards and supplements for which the WSIB was paying benefits on December 31 of the reference year.
6. Only FEL awards which result in a wage loss are included.

Non-economic loss awards

Table 18

Non-Economic Loss (NEL) New Awards (1992 - 1998)

Percent Permanent Impairment	1992		1993		1994		1995		1996		1997		1998	
	Number of NEL Awards	%	Number of NEL Awards	%	Number of NEL Awards	%	Number of NEL Awards	%	Number of NEL Awards	%	Number of NEL Awards	%	Number of NEL Awards	%
0.01 - 5.00%	2,181	25.3%	4,331	24.9%	6,896	29.4%	3,731	26.4%	4,015	26.0%	3,294	26.9%	2,611	25.4%
5.01 - 10.00%	2,026	23.5%	4,029	23.1%	6,191	26.4%	3,173	22.4%	3,371	21.8%	2,795	22.8%	2,359	23.0%
10.01 - 15.00%	1,635	19.0%	3,457	19.9%	4,293	18.3%	2,428	17.2%	2,778	18.0%	2,119	17.3%	1,817	17.7%
15.01 - 20.00%	1,335	15.5%	2,636	15.1%	2,979	12.7%	1,884	13.3%	2,043	13.2%	1,514	12.4%	1,332	13.0%
20.01 - 25.00%	852	9.9%	1,700	9.8%	1,574	6.7%	1,460	10.3%	1,606	10.4%	1,179	9.6%	981	9.6%
25.01 - 30.00%	330	3.8%	742	4.3%	768	3.3%	774	5.5%	845	5.5%	665	5.4%	551	5.4%
30.01 - 40.00%	170	2.0%	344	2.0%	467	2.0%	435	3.1%	503	3.3%	423	3.5%	344	3.4%
40.01 - 60.00%	44	0.5%	91	0.5%	163	0.7%	158	1.1%	199	1.3%	154	1.3%	147	1.4%
60.01 - 99.99%	3	0.0%	39	0.2%	35	0.1%	43	0.3%	44	0.3%	57	0.5%	53	0.5%
100%	31	0.4%	44	0.3%	57	0.2%	56	0.4%	60	0.4%	57	0.5%	71	0.7%
Total	8,607	100%	17,413	100%	23,423	100%	14,142	100%	15,464	100%	12,257	100%	10,266	100%

Notes:

1. Compensation for non-economic loss (NEL) is awarded under section 42 of the Workers' Compensation Act, 1990 (as amended) and section 46 of the Workplace Safety and Insurance Act, 1997. These benefits are applicable to accidents that occurred after January 1, 1990. Workers who suffer a permanent impairment as a result of a workplace injury or occupational disease are entitled to NEL benefits.
2. Workers become eligible for NEL benefits if, at maximum medical rehabilitation, a permanent impairment is likely. A worker reaches maximum medical rehabilitation when there is unlikely to be any further significant improvement in the worker's medical condition.
3. Permanent impairment means impairment that continues to exist after the worker achieves maximum medical rehabilitation. The percentage of impairment is determined through a medical assessment.
4. The first NEL benefits were awarded in April 1992.

Table 19

Life and Provisional Periodic Pension Awards

Percent of Disability	Year of Award																			
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
10.0% or less	11,355	53%	8,774	48%	7,903	51%	5,488	51%	3,312	59%	1,761	60%	1,089	63%	822	64%	517	60%	421	63%
10.1 - 20.0%	7,143	33%	6,663	36%	5,773	37%	4,060	38%	1,768	31%	902	31%	511	29%	369	29%	266	31%	192	29%
20.1 - 50.0%	2,661	12%	2,368	13%	1,616	10%	1,106	10%	499	9%	254	9%	120	7%	81	6%	65	8%	46	7%
50.1 - 99.9%	263	1%	291	2%	126	1%	77	1%	47	1%	25	1%	13	1%	3	0%	7	1%	4	1%
100%	156	1%	224	1%	80	1%	37	0%	30	1%	8	0%	8	0%	1	0%	2	0%	1	0%
Total	21,578	100%	18,320	100%	15,498	100%	10,768	100%	5,656	100%	2,950	100%	1,741	100%	1,276	100%	857	100%	664	100%

Year of Award

	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
Total	24,623	100%	26,057	100%	13,901	100%	10,478	100%	5,425	100%	2,988	100%	54,057	100%	3,586	100%	2,648	100%	2,024	100%
	Section 147(4)		20,889		8,542		5,394		2,813		1,674		1,721		1,301		1,031		849	
	Section 147(2)		5,168		5,359		5,084		2,612		1,314		958		572		356		156	
	Section 147(14)												51,378		1,713		1,261		1,019	

1. A substantially higher number of supplements were awarded in 1989 and 1990 as a result of the transitional provisions of section 147 of the Workers' Compensation Act, 1990 (as amended).

2. Figures exclude lump sum awards.
3. Starting in 1990, figures exclude reassessments.
4. Figures are not counts of workers receiving pensions and/or supplements. Some pensioners receive more than one award in a year.
5. The reduction in periodic pension awards in 1990 was offset by an increase in the number of workers who elected to receive their pension award as a lump sum.
6. As of January 1, 1995, section 147(14) of the Workers' Compensation Act, 1990 (as amended), provides an additional payment of up to \$200 per month for the following categories of injured workers: those who receive a supplement to their pension for permanent partial disability under section 147(4) of the Act; those whose 147(4) supplement ceased when they turned 65 and became eligible for Old Age Security (OAS) benefits; and those who would have been entitled to a section 147(4) supplement but for their age.

Table 20

Periodic Pensions and Supplements Active at the End of the Year by Percentage of Permanent Disability (1989 - 1998)

Life and Provisional Periodic Pension Awards																					
Percent of Disability		1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
10.0% or less		61,706	44%	67,328	45%	70,927	44%	73,928	44%	74,569	43%	74,005	43%	72,751	43%	71,239	42%	69,847	42%	68,227	42%
10.1 - 20.0%		52,558	38%	56,533	37%	61,651	38%	65,393	39%	66,589	39%	66,718	39%	66,321	39%	65,628	39%	64,861	39%	63,889	39%
20.1 - 30.0%		13,686	10%	14,712	10%	15,994	10%	17,176	10%	17,690	10%	17,872	10%	17,952	11%	17,988	11%	17,958	11%	17,945	11%
30.1 - 50.0%		6,824	5%	7,210	5%	7,729	5%	8,061	5%	8,264	5%	8,362	5%	8,351	5%	8,331	5%	8,292	5%	8,237	5%
50.1% or more		4,408	3%	4,982	3%	4,787	3%	4,893	3%	4,962	3%	4,919	3%	4,891	3%	4,825	3%	4,751	3%	4,702	3%
Total		139,182	100%	150,765	100%	161,088	100%	169,451	100%	172,074	100%	171,876	100%	170,266	100%	168,011	100%	165,709	100%	163,000	100%

Supplements																				
	1989	%	1990	%	1991	%	1992	%	1993	%	1994	%	1995	%	1996	%	1997	%	1998	%
Total	22,976	100%	36,059	100%	40,784	100%	41,634	100%	40,100	100%	35,182	100%	83,244	100%	82,306	100%	80,432	100%	78,129	100%
	Section 147(4)		33,501		35,681		35,926		35,343		31,556		31,246		30,539		29,255		27,859	
	Section 147(2)		2,558		5,103		5,708		4,757		3,626		2,819		2,100		1,413		673	
	Section 147(14)												49,179		49,667		49,764		49,597	

Notes:

- Figures represent the total number of awards for which the WSIB was paying benefits on December 31 of the reference year.
- Starting in 1990, figures exclude reassessments.
- Figures do not represent the number of workers receiving pensions and/or supplements. A small number of pensioners were in receipt of more than one award at December 31 of the reference year.
- Figures exclude lump sum awards.
- Provisional pensions are awarded in certain cases.
- The substantially higher number of supplement awards active in 1989 and after was the result of the transitional provisions of section 147 of the Workers' Compensation Act, 1990 (as amended).
- As of January 1, 1995, section 147(14) of the Workers' Compensation Act, 1990 (as amended), provides an additional payment of up to \$200 per month for the following categories of injured workers: those who receive a supplement to their pension for permanent partial disability under section 147(4) of the Act; those whose 147(4) supplement ceased when they turned 65 and became eligible for Old Age Security (OAS) benefits; and those who would have been entitled to a section 147(4) supplement but for their age.

The Workplace Safety and Insurance Board (WSIB), formerly the Workers' Compensation Board, oversees Ontario's workplace safety education and training system. The WSIB also administers the province's no-fault workplace insurance for employers and their workers. As part of this system, the WSIB provides disability benefits, monitors and pays for quality health care and assists in early, safe return to work for workers who are injured on the job or contract an occupational disease, and provides for labour market re-entry services. The WSIB is entirely funded by employer premiums and receives no funding from the Ontario provincial government.



***Workplace Health and Safety
is Everybody's Job***

WSIB Workplace Safety &
Insurance Board
CSPMAT Commission de la sécurité
et des assurances
contre les accidents du travail